

- Original Application
- PCT National Application
U.S. Designated Office
- Continuation or Divisional Application
- Continuation-in-Part Application

**COMBINED DECLARATION,
POWER OF ATTORNEY AND PETITION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled ELECTRIC WATER HEATER WITH PULSED ELECTRONIC CONTROL AND DETECTION

which is described in the specification and claims

attached hereto.

filed on October 23, 2001

Application Serial No. 10/001,434

and was amended on _____
(if applicable)

which is described in International Application No. _____

filed _____ and as amended on

_____ (if any),

which I have reviewed and for which I solicit a United States patent.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

COMBINED DECLARATION, POWER OF ATTORNEY AND PETITION
(Page 2)

JAN 15 2002

Attorney Docket No. 1015-CIP-98

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International Application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate or of any PCT International Application having a filing date before that of the application on which priority is claimed:

Number	Country	Date of Filing (day,month,year)	Priority Claimed
			<input type="checkbox"/> yes <input type="checkbox"/> no
			<input type="checkbox"/> yes <input type="checkbox"/> no
			<input type="checkbox"/> yes <input type="checkbox"/> no
			<input type="checkbox"/> yes <input type="checkbox"/> no
			<input type="checkbox"/> yes <input type="checkbox"/> no

I hereby claim the benefit under Title 35, United States Code, §119(e) or §120 (as applicable) of any United States application(s) or §365(c) of any PCT International Application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International Application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112:

09/578,087 <i>(Application Serial No.)</i>	5/24/00 <i>(Filing Date)</i>	pending <i>(Status) (patented, pending, abandoned)</i>
09/090,532 <i>(Application Serial No.)</i>	6/4/98 <i>(Filing Date)</i>	pending <i>(Status) (patented, pending, abandoned)</i>

POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered attorneys listed under **Customer No. 022469** and the following registered attorneys to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith:

T. Daniel Christenbury	Reg. No. 31,750	Frank A. Cona	Reg. No. 38,412
Guy T. Donatiello	Reg. No. 33,167	Michael A. Patané	Reg. No. 42,982
Paul A. Taufer	Reg. No. 35,703	Robert A. McKinley	Reg. No. 43,793
Albert T. Keyack	Reg. No. 32,906	Sharon Fenick	Reg. No. 45,269
Jeffrey L. Eichen	Reg. No. 41,496	Stewart M. Wiener	Reg. No. 46,201
Austin R. Miller	Reg. No. 16,602	Felicity E. Groth	Reg. No. 47,042
James A. Drobile	Reg. No. 19,690	Stephenie W. Yeung	Reg. No. 48,052
Joan T. Kluger	Reg. No. 38,940		

SEND CORRESPONDENCE TO:
IP Department
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36th Floor, 1600 Market Street
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(215) 563-1810



COPY OF PAPERS
ORIGINALLY FILED

PATENT APPLICATION NO. 09/935,204
ATTORNEY DOCKET NO. TSIWCLPZ

DECLARATION, POWER OF ATTORNEY AND PETITION

As a below named inventor, I hereby declare: that my residence, post office address, and citizenship are as stated below next to my name; that I verily believe I am the original, first, and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **BRAZED DIAMOND TOOLS AND METHODS FOR MAKING**, the specification of which was filed on August 22, 2001 as U. S. Patent Application No. 09/935,204; that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above; and that I acknowledge the duty to disclose information which is material to patentability as defined in § 1.56(a) of Title 37 of the Code of Federal Regulations.

I hereby claim the benefit under §120 of Title 35 of the United States Code of the earlier filed patent application: Serial No. 09/399,573 filed September 20, 1999, which is a continuation in part application of U.S. Patent Application Serial No. 08/835,117, filed April 4, 1997 now issued as U.S. Patent No. 6,039,641 and of U.S. Patent Application Serial No. 08/832,852, filed April 4, 1997, and insofar as the subject matter of each of the claims of these applications is not disclosed in the earlier filed pending applications in the manner provided by the first paragraph of §112 of Title 35 of the United States code, we acknowledge the duty to disclose material information, as defined in §1.56(a) of Title 37 of the Code of Federal Regulations, which occurred between the filing date of the earlier filed applications and the filing date of this application.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon.

I hereby appoint as my attorneys and/or patent agents the law firm of THORPE NORTH & WESTERN, LLP, having a business address of 8180 South 700 East, Suite 200, Sandy, Utah 84070, and VAUGHN W. NORTH, Registration No. 27,930; M. WAYNE WESTERN, Registration No. 22,788; CLIFTON W. THOMPSON, Registration No. 36,947; GARRON M. HOBSON, Registration No. 41,073; PETER M. DE JONGE, Registration No. 47,521; WEILI CHENG, Registration No. 44,609; DAVID R. MCKINNEY, Registration No. 42,868; STEVE M. PERRY, Registration No. 45,357; GARY P. OAKESON, Registration No. 44,266; DAVID W. OSBORNE, Registration No. 44,989, and KEITH HARGROVE, Registration No. 34,836, all with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

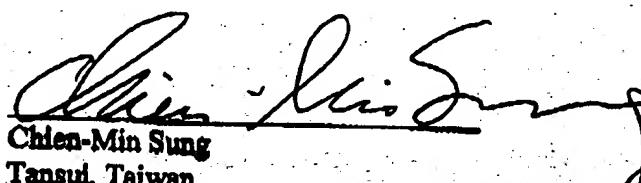
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Wherefore, I pray that Letters Patent be granted to me for the invention or discovery described and claimed in the foregoing specification and claims, declaration, power of attorney, and this petition.

Signed at Taiwan, this 30th day of October,
2001.

INVENTOR:



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